



Mr. Rod Bitsoi

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Diversified experience in design, fabrication, welding, and machining.

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Education: Rod Bitsoi is currently enrolled as a senior and pursuing his Bachelor of Science in Technology from the University of Idaho's extension, located in Idaho Falls, ID.

Work experience: Mr. Bitsoi has been employed at the INL for 15 years as a Principle Engineering Technician. He has over 25 years of welding experience in a wide array of applications and was employed as Production Manager at a manufacturing firm prior to accepting a job at the INL. He is currently involved with design and development of automated and robotic, remote welding, inspection and repair systems for closure of radioactive waste disposal and storage canisters. His job at the INEEL requires him to use his CAD/CAM, CNC and manual machining, and welding skills.

Professional endeavors: Mr.Bitsoi has worked on a broad range of research projects at the INL. Many projects have been benefited though with his 2D design and 3D solid modeling capabilities. He continues to work with his research team on sensing and welding development projects for remote sealing of spent nuclear fuel canisters. He has been instrumental in the design and development of inventions produced by the material joining team of which three of the following IDR's were submitted in the year 2004:

Automated Grinder for Hazardous Environments,

Automated Welding, Inspection, and Repair System,

Air Cooled GTAW Torch for Remote Welding.

He also participates in regional community activities:

2000- Present City Council Member- City of Ririe, ID.,

2002- Present Board Member - East Central Idaho Planning and Development Association, Rexburg, ID
Personnel and Budget committee member

2005 – Present Advisory Council Member, Land & Water Conservation Fund, State of Idaho Parks and Recreation

1981- 1982 Advisory Board Member - Ririe High School Vo-Tech program, Ririe, ID

Patents and Awards:

2004 INEEL Technician of the Year

2003 Top Five Award – INEEL Technician of the Year Finalist

U.S. Patent No. 6,365,873 - Apparatus for the Concurrent Inspection of Partially Completed Welds